

Applicant : Cynthia C. Morton et al.  
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6. (Reiterated) The host cell of claim 5 which is a mammalian host cell.

7. (Reiterated) A non-human mammalian host cell containing the nucleic acid molecule of claim 1.

18. (Reiterated) A kit comprising a compound which selectively hybridizes to a nucleic acid molecule of claim 1 and instructions for use.

29. (Reiterated) An isolated nucleic acid molecule comprising a fragment of at least 1000 nucleotides of a nucleic acid comprising the nucleotide sequence of SEQ ID NO:1, SEQ ID NO:3, or a complement thereof.

*B2* 30. (Amended) An isolated nucleic acid molecule which encodes a polypeptide comprising an amino acid sequence having at least about 85% sequence identity to the amino acid sequence of SEQ ID NO:2 and having at least one COCH5B2 activity.

31. (Reiterated) An isolated nucleic acid molecule comprising which encodes a fragment of a polypeptide comprising the amino acid sequence of SEQ ID NO:2, wherein the fragment comprises at least 75 contiguous amino acid residues of the amino acid sequence of SEQ ID NO:2.

32. (Reiterated) An isolated nucleic acid molecule which encodes a naturally occurring allelic variant of a polypeptide comprising the amino acid sequence of SEQ ID NO:2, wherein the nucleic acid molecule hybridizes to a nucleic acid molecule comprising SEQ ID NO:1 or SEQ ID NO:3 under stringent conditions, and wherein the polypeptide has at least one COCH5B2 activity.

33. (Reiterated) An isolated nucleic acid molecule which encodes a polypeptide comprising the amino acid sequence of SEQ ID NO:2.

*P.C. 3/2001* 34. (Amended) An isolated nucleic acid molecule comprising a nucleotide sequence which has at least 90% sequence identity to a nucleotide sequence of SEQ ID NO:3, or a

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complement thereof, and which encodes a polypeptide having at least one COCH5B2  
activity. --

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